

CV/CVN AVIATION INSPECTION GUIDE

JUL 2003

This document is provided as a GENERAL GUIDE for the aviation INSURV inspection and not an all-inclusive document. Coordination with aviation INSURV inspectors prior to the inspection is essential in order to work out the unique schedule of events for your ship. All areas generally take 2 days to complete; some specific items may take 3 days.

Desire the ship to AGGRESSIVELY EXECUTE THE SOE, but remain flexible. Many items can be FRONT LOADED INTO DAY ONE as time permits. Drive the schedule; do not leave the inspector idle.

Flight operations are not required for any facet of the aviation inspection.

PAPERWORK REQUIRED:

- AVIATION FACILITY COORDINATOR NOTEBOOK, ALL DOCUMENTATION REFLECTING AVIATION CERTIFICATION (EXAMPLES: TACAN CERT, NET WEIGHT TEST DATA, FUEL SYSTEM CERT, ETC)
- CSMP FROM ALL WORKCENTERS THAT SUPPORT EQUIPMENT THAT COMES UNDER INSURV AVIATION COGNIZANCE (INCLUDING A/C ELEVATORS, AESS)

INSPECTION AREAS:

JP5

- INSPECT ALL ASPECTS OF SYSTEM INCLUDING SERVICE, TRANSFER, AUXILIARY, JET TEST, STRIPPING SYSTEMS, AND ALL REFUELING STATIONS. TAKE SAMPLES AND RUN THEM IN LAB
- OPEN AND INSPECT INCLUDES OPENING 1 SERVICE AND 1 STORAGE TANK, SELECTED PURIFIERS, FILTER SEPARATORS, SERVICE/TRANSFER TANKS AIR ESCAPES AND OVERFLOWS
- INSPECT CATAPULT LUBE OIL SYSTEM
- INSPECT FUELING AT SEA STATIONS

VISUAL LANDING AIDS (VLA)

- INSPECT ALL FLIGHT DECK LIGHTS AND CONDUCT FLIGHT DECK LIGHTING DEMO IN THE DARK
- INSPECT ILARTS, MOVLAS, FLOLS, HUD/LSO PLATFORM

CRASH/SALVAGE

- INSPECT ALL CRASH AND SALVAGE EQUIPMENT AS REQUIRED BY APPROPRIATE AEL/NAVAIR-00-80R-14
- INSPECT FLIGHT DECK NETS, CATWALKS, NONSKID, FLIGHT DECK CONTROL
- INSPECT HANGAR, HANGAR DECK CONTROL, CONFLAG STATIONS

AESS

- INSPECT THE ELECTRICAL AND MATERIAL CONDITION OF ALL FLIGHT DECK AND HANGAR DECK 400HZ AND 28VDC AESS STATIONS AND THEIR ASSOCIATED UTILITY RECEPTACLES (REQUIRE AIMD PROVIDE OPERABLE MOBILE LOADBANK)

AIRCRAFT ELEVATORS

- INSPECT/OPERATE AIRCRAFT ELEVATORS, HANGAR DOORS, DIVISIONAL DOORS, ASSOCIATED PUMPROOM/MACHINERY ROOMS, STANCHION ROOMS, LOCKBAR SPACES

CATAPULTS/ARRESTING GEAR

- INSPECT CATAPULTS, CATAPULT VOIDS, WATER BRAKES, JET BLAST DEFLECTORS, ICCS, AND ALL ASSOCIATED EQUIPMENT AND SPACES. CONDUCT NO-LOAD TESTING ON ALL CATAPULTS
- INSPECT ARRESTING GEAR ENGINES, SHEAVE DAMPENER SPACES, AND SOCKET POURING ROOMS AND ALL ASSOCIATED SPACES. RIG BARRICADE

AIMD

-WALK THROUGH OF ALL AIMD SPACES. INSPECT HANGAR OVERHEAD CRANES